UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner: Agnieszka Boesen

Art Unit: 1648

Re:

Application of:

SUNG, Young Chul et al.

Serial No.:

10/528,644

Filed:

March 18, 2005

For:

A VACCINE ENHANCING THE PROTECTIVE IMMUNITY TO HEPATITIS C VIRUS USING PLASMID DNA AND RECOMBINANT **ADENOVIRUS**

DECLARATION OF DEPOSITOR

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 November 15, 2007

SIR:

I, SUNG, Young Chul hereby state:

- 1. That I am a co-inventor of the above-identified patent application,
- 2. That, on August 29, 2002, I deposited samples of

pGX10 gDsAST, pGX10, pGX10 NS5, rAd gDsAST, rAd gDsNS34 and rAd NS5

with the Korean Culture Center of Microorganisms (KCCM), as an International Depository Authority, at #361-221 Yurim B/D, Hongje-1-dong, Seodaemun-gu, Seoul 120-091, Republic of Korea, in compliance with the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purpose of Patent Procedure as Deposit Accession Numbers KCCM 10415, KCCM 10417, KCCM 10416, KCCM 10418, KCCM 10420 and KCCM 10419, respectively.

Copies of the accession agreement are annexed hereto as Exhibit A.

I hereby assure the United States Patent and Trademark Office and the public that 3. (a) all restrictions on the availability to the public of the deposited materials referred to in paragraph 2 will be irrevocably removed upon issuance of a United States patent of which any of such deposited material is the subject; (b) the deposited materials will be maintained for a period of at least five years after the most recent request for the furnishing of samples of any of the deposited materials were received by the KCCM and, in any case, for a period of at least 30 years after the date of deposit or for the effective life of such patent, whichever is longer; (c) should any of the deposits become non-viable or mutated, or otherwise incapable of being furnished by the depository upon request due to the condition of the deposit, it will be replaced by Applicants; and (d) access to the cultures will be available to the Commissioner during the pendency of the patent application or to one determined by the Commissioner to be entitled to such cultures under 37 C.F.R. §1.14 and 35 U.S.C. §122.

I hereby declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that I make these statements with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under §1011 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

* November 15, 2007	SUNG, Young Chul
Date	* \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	Juny Young Chul
	000

Exhibit A

Deposit Receipts for KCCM 10415, KCCM 10417, KCCM 10416, KCCM 10418, KCCM 10420 and KCCM 10419, respectively in U.S. Ser. No. 10/528,644 are as follow:

o Trung Chil Suer Department of Life Science. Foliang University of Science and Bellandsey. Johnny 786-784. Enter	ATIONAL TORM JULISIES IN THE CASE OF AN ORIGINAL S JULIES PRESSON IS ROLD IN THE THE DETERNATIONAL DESCRIPTION AUTHORITY Michigal at the bottom of the space
1. SDENTIFICATION OF THE MICROGRIGANIS	M Comment of the Comm
Denormos reference serian by the DEPOSTTOS	Accessive number phon by its INTITIONATIONAL DEPTHATION SETTIONALS RECOM-10415
n. Scientific description antion endpo	SED TAXONOMIC DESIGNATION
The minusequision identified under it above one 2 is scientific description is proposed involuntic (description (Mark with a cross where explicate) as the	
I. RECEIST AND ACCOMMANCE	
This interdeduced Depositary Authority accepts accepted by in ca fair, 21, 2007 - Idaie of the de	esa misanuganism (nemifical unital i steve, selicin usinal depima)
v. international infositialy althosity	
smo : Karrad Cultur Center (#PMicros valuem galacus : 361 221, Yuran Bell)	September (a) di person (b) harten die pouver un represent the international Depository Augherity et of amborized official(s) Date: Sep. 8, 200
Agunic of Kores	

SUDAPET TREATY ON THE IMPERIATIONAL RECOGNITION OF THE PEROST DE MICHORGANIEME FOR THE PURPOSES OF TATENT BROCELURY.

THE TANKETON OF THE

RECEPT IN THE CASE OF AN ORIGINAL HAS ORIGINAL HAS OPENING OF THE STATE OF THE INTERNATIONAL DEPOSITARY AUTHORISM SENIOL AT BOTH HORISM

	destinated at the ball one of this page
I, DEVINICATION OF THE MICHOGRAPISM	
Conficulty reference gains by the DEPOSITOR PLANGENSOR	Account outside 2549 to the INSERVITORAL DEPOSITION AUTHORITY RECM. 19879
II. SCIENTIFIC DESCRIPTION AND/OR BIOMSE	TAKONOMIC DESIGNATION
The substitute the tributed and substitute the substitute of the s	openied by:
IB RECEIFE AND ACCEPTANCE	
This Increasional Department Pagements accepts the property by it on our 22, 2002. (America the pright	introcephological and Labore with sec.
JV, TATERNATIONAL DEPOSITARY AUTERNATY	
Name T. Korsan Colour, Conserved M. Crossponissis Address: St. 221, Kuren PAD Alexandria Colour, Secondarium Bu Secondarium Bu Beauthly of Tours	Signature (s) of percep (d) nature the power to resuspent the descriptional Depositary. Author/bology of supersystems (1995) Date: Sep. 3. Deposition (1995)

Wage Rules 6 (d) applies such date is the date or which the states of international depositary authority was acquired , where it deposit made burside the Budgepst Treaty siter the acquisation of the states of a meriational depositary authority is emissive into a deposit under the Budgepst Treaty such state is the state on what the improvemental was precised by the international depositary authority.

Poin APA

Sele table

BUDAPEST THEATH ON THE INTERNATIONAL. RECOGNITION OF THE DEPOSIT OF MICRORGANISMS FOR THE PURPOSIS OF PATENT PROCEDURE.

HOTERNATURAL STOR

To Young Chai Farr) a Department of Life Edency, Policing University of Science and Technology Policing 750-784, Kores	RECEIPT IN THE CASE OF AN DRIVING. SENCE DEPOSE TO Rule 9.1 by size INTERNATIONAL DEPOSITARY AUTHORITY IGUITING AS the between of this case
1. DEFINICATION OF THE UNDROCKGAM	
DEPOSITOR : SOME DATE OF THE SOME NAME OF THE SOME OF	Agression number along by the INTERNATIONAL DEPOSITABLY ALT HORIZON ECCAL-TIMAG
II. SCIENTIFIC DESIGNATION AND/OR PROP	OSED TAXONOMIC DESIGNATION
The nucronaganomy desided under about tear [2] a scientific description. [3] [3] a scientific description. [4] [4] a proposed intenoming distignable [4] (Affait with a cross where graticable) [4] at CERT AND ACCIPTANCE	Company of the control of the contro
This Profunctional Deposition fundames series received by h. on Aug. 23 (2005) Charles of the	s (his microsephaleus dingellines aintes à adeur, sachiche man acipeach dependi
y international deroctuary authorit	
Manne: Receast Culture Center, of Managements Address: Sall-Zi, Escap (20) - Brongie-Pransp. Secatecomyrgo. Sall-Zi, 120-091 Recebbs of Korea.	The Santalian (a) of spirson (a) having the power to represent the Imarinous Depository Authority or of authorized officially Date: Santalian (a) a series of the series

I Where Rule is \$100 applies, such date is the case instruction be status. I Recognized depository authorized and applied to be applied to the applie

Barres Date

Soin care

ECK THE PURPOSES OF PATRAT PROCEDURE RECOGNITION OF THE PROCESS OF PATRAT PROCEDURE RECOGNIZIONS

Polarie University of Stimule and Sectionlogic Polarie 790 783 stores	RECEPT IN THE CASE OF AN CHICINAL MASSES, PARAMETER IN PURE TALL BY THE INTERIOR OF THE PROPERTY AND PROPERTY
A. DEMTHICATION OF THE MICHODRIANEM	
Healfection felicianse plans to the UNICATOR 1864 FD1/IST	Accession purper given by the INTERNSTIONAL DEPOSITARY AUTHORITY RCCM-19618
д, scientific describtion .neg/of frotost	D TAXONOMIC DESIGNATION
The references is a state of modern above with a con- [] a satisfactic destriction. [] a proposed assemblied destruction. [Assemblied in construction architecture.	
IL RECEIPT AND ACCEPTANCE	And the second s
This intermitted Depositary Authority effects the received of it on Aug. 25, 2002. '(deer of the origin	Characteristics (depthed ands: I always subject up the depoyls
NEHNIERNATHMAL DEPÖSITALY ARTRORRY	
A CONTRACTOR OF THE PROPERTY O	
Name Korean Casterre Dennas at Marabuganisas Andress, Caster 22, Abetin 3573 Bounge I some Seconson av Seconson av Seconson av Bepublic of Korea	Structure(f) of person (s) having the property of the Aberdunced Discourage of Statement of Aberdunced officially. Discourage of all antiquesed officially.

PROAPEST TERRIY ON THE INTERNATIONAL. RECIGIND OF THE DEPOSIT OF MICROPHOANESIS FOR THE PLANDING OF PATENT PROCEDURE.

INTERNATIONAL PORM

Constraint of Life Science Faties: University of Science and Technology. Foreign 750-754. Korea	RECTIFULE THE CASE OF AN ORIGINAL SELECT PROBLEM OF RULE TO BY THE SCHOOL PROBLEM OF THE PROBLEM			
15 JUGATUS CATION OF YHE MEROODS AND M				
Identification reference tives by the DEPOSITOR 427 (AdvgDaNSS4	Acceptar individur plant by the INTERNATIONAL DEFORTANY AUTHORISMS ECCM-16420			
ii. Kuendific description and/ortacpose	PROGRAM DESCRIPTION			
The internacional deviated enter I sopra was vical Living and execution I superopsist assumption Exert with a trace where applicated				
ID RECEIPT AND ACCEPTANCE				
The international Depositor Settlerity accepts its ecolority to on Sup. 25, 232. (Cap. at the argin	. Muchongantina toksofted values I poetro spijot pa pli papeliji i			
VINORTUA VERTEORIA LE ACIDAMIETAL L				
Sans : Kurtun Chine Camer an Missassindens Minese 2:351-221, Yurun BO	Similar of a positive in a speciment of research for his manner of account of a second of			
Monejo t dong Special mar gu BEOUL 120-001 Republic of Kone				
described i subgre a deposit divid batale dia 8	w which the status of interminal depositive both adopts. Buth adopts the acceptation of the algues adopts ander the budgess Troub, such address attended adoption and adoption authority authority.			

ectritie passozes of patent procedure recognition of the drivoral of alcohorganizate redarest ibenty of the interpretional

INDERNATIONAL FORM

, ž)		ung	Chil	Sung			De la		•
			estit. E				<u> </u>		
	Ja.	naus.	Vario	rsin Se li	til Ne	ence	and.	Techs	olegy,
								7-14(P) 3-1-1	
	ihi	\$6.5×1	u ej			, D. X			
1 10	111	MINT.	IFICA	HON		TSE.	MET	e de seu	ANIS

RESERVE IN THE CASE OF AN ORIGINAL bound pursuan to Rule 7.1 by the IMBERIATIONAL DEPOSITABLE AUTHORITY AMERICAL AT the bounce of all page.

I TO BENTIFICATION OF THE MICHBORGANISM	
Identication.reference green by the DEPOSITION: 1/80ENSE	Accession number laws by the instructional deeper lary authority: RCCM 1919
U SCIENTIFIC DESCRIPTION ANDVOX PROPOSE	D TAKONOMIC DESIGNATION
The introducerous depth of and a labor was acc. [] a scientific description [] a proposed description destination. [Mark with a cross where depth of the cross the cross to the cross of the cross the cross of the cross of the cross th	e wiscontantian identical under I show, which was
W. INTERNATIONAL DEPOSITARY NUMBERTY	
Name - Kargan Culture Centert of Microsopentation Address * 201-221 Venter E/II Microple-bridge Spointspanse-21 SECNI 120-631 Republic of Korga	Signature (c) of person (c) between the gover (c) represent the invertalizate) Depository Atti-barty for of authorized difficultie): Pane: 'Sep. 5, Tourist (c)

Where Rule is 4 to access, such date is the date on which the status of interesting depending authors; was accounted where a depoint rade onlyide the Budaper Treat, after the accounted of the status of mercallonal depository matherity is converted into a deposit under the Budaper Treaty, spirit date is the falle on which the referencement was received by cas interestioned depository mathematic.

Form BP/4

Scie mee